

# MODIFICATION OF CONTRACT

1. Modification No.: 010      2. Effective Date: 01 August 2011

3. Modification Name: Irrigation Pipe Removal, Setback Area Road Repair, and Miscellaneous Additional Work

4. Project: Phase IV Feather River Levee Repair Project – Segment 2

5. Contract No.: PH4-2007/08-02

6. Contractor: Teichert Construction

Attn: Eric Stannard  
24207 Country Road 100A  
Davis, CA 95617-1890

7. Administered By: GEI Consultants

Attn: Dan Wanket  
180 Grand Ave, Suite 1410  
Oakland, CA 94612

## 8. Pursuant to:

- Field Instruction IAW Section 004-4-5, issued to add, delete, modify or reject work.  
Refer Field Directive #: \_\_\_\_\_
- Change Directive IAW Section 009-9-2, Issued to order corrections, alterations, additions modifications, deletions or other changes to the work
- Construction Incentive Change Proposal (CICP)
- Compensable Unavoidable Delays as defined in Section 7-12.02, "Unavoidable Delays"

## 9. Description of Modification:

<u>Work Description</u>	<u>Costs</u>
<b>Set Back Area Maintenance Repairs – Additional Work:</b>	
10.1 Country Club Road Erosion Repairs	\$85,598.00
10.2 Anderson Avenue Repairs	\$20,656.29
10.3 Patrol Road Repair	\$35,188.64
10.4 Security Road Repair	\$7,333.06
10.5 Asbestos Pipe Removal	\$186,646.92
10.6 PVC Riser Removal	\$24,781.92
10.7 Miscellaneous Project Grading	\$4,667.01
10.8 Road Signs in the Setback Area	\$17,403.75
10.9 Repair to Inclinometer Christy Box	\$783.81
<b>TOTAL ADDITIONAL WORK</b>	<b>\$383,059.40</b>
Credit – Unused Security Road Budget	<\$93,031.86>
Credit – Unused SMARA Implementation Budget	<\$158,319.33>
<b>TOTAL CONTRACT MODIFICATION</b>	<b>\$131,708.21</b>

## Summary of Modifications:

### Set Back Area Maintenance Repairs Additional Work:

#### 10.1 Country Club Road Erosion Repairs

**Summary and Reason for Modification:** Country Club Road experienced erosion damages, due to 2011 high water events just west of the Former Lateral 6 Culvert. This resulted in about half of the road being washed out for a 200 foot section and various smaller locations west of the 200 foot section. Repairs included excavation of damaged road, backfill/compaction of road base, Geo-textile fabric supplement, imported AB, and road surfacing with AC. Additional repairs included Rock Slope Protection (RSP) for repaired road sections and RSP for both sides of Former Lateral 6 culvert slopes. Cost paid T&M.

#### 10.2 Anderson Road Clean Up

**Summary and Reason for Modification:** Anderson Road repairs included, removal of soil several inches thick that was deposited on Anderson Road during setback levee construction, aggregate base surfacing on the LS/WS ramps, crown of the levee and a turn-around pad that connects to the WS ramp at Anderson Road. A section of Anderson road, located at the Former

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Lateral 6 culvert was also resurfaced with aggregate base. The slopes of Former Lateral 6 were reinforced with RSP. Costs paid T&M.

## 10.3 Patrol Road

**Summary and Reason for Modification:** Minor ruts were repaired at various locations along segment 2 patrol road. The levee crown was fine-graded, and Type 4 aggregate base placed, moisture conditioned and compacted. Aggregate base was placed from the South Tie-In gate up to Rich Rd. Cost paid T&M.

## 10.4 Security Road

**Summary and Reason for Modification:** An eroded section of security road adjacent to the remnant levee approximately 800 feet north of Country Club Rd was repaired from damages caused by 2011 high water events. The southern security road turn-around was re-graded and resurfaced with two inches of imported Type 4 aggregate base. Costs paid T&M.

## 10.5 Asbestos Pipe Removal

**Summary and Reason for Modification:** Asbestos concrete irrigation pipes within the setback area were removed and disposed of off-site. Work performed at the direction of DWR/CVFPB. Cost paid T&M.

## 10.6 PVC Riser Removal

**Summary and Reason for Modification:** PVC pipe irrigation manifolds and risers were removed and disposed of off-site. Work performed at the direction of DWR/CVFPB. Cost paid T&M.

## 10.7 Miscellaneous Project Grading

**Summary and Reason for Modification:** Roads within the setback area were graded to improve O&M accessibility. Costs paid T&M.

## 10.8 Road Signs in Setback Area

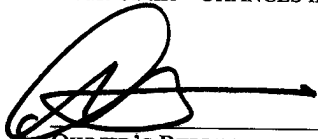
**Summary and Reason for Modification:** Installation of road signage along the setback area security road and setback levee access points as part of TRLIA's implementation of public access in the setback area. Costs paid T&M.


## 10.9 Repair to Inclinometer Christy Box

**Summary and Reason for Modification:** Repairs were performed to a inclinometer Christy box near the south tie-in that was apparently damaged by agricultural equipment traveling on the setback levee. Costs paid T&M.

## 10. Concurrence:

The adjustment set forth hereinabove shall be final and complete adjustment for costs and/or time required as a result of the "CHANGES IN SERVICES" defined in Item 9.

  
OWNER'S REPRESENTATIVE      2/2/12  
DATE

  
CONTRACTOR'S REPRESENTATIVE      1/30/12  
DATE

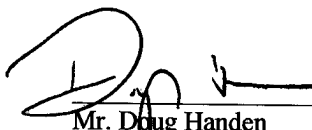
NAME & TITLE OF SIGNER  
MR. DAN WANKET  
SITE MANAGER  
GEI CONSULTANTS, INC.

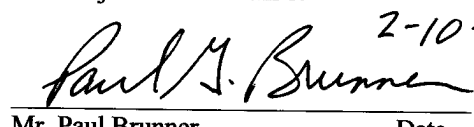


NAME & TITLE OF SIGNER  
~~MR. ERIC STANNARD~~ Neck MERRILL  
TEICHERT CONSTRUCTION

## 11. Authorization:

Three Rivers Levee Improvement Authority (TRLIA) hereby grants Authorization to Proceed with this "Contract Modification". The Contract is hereby modified and the Agreement adjusted IAW Item 8.

  
Mr. Doug Handen      2/4/12  
TRLIA Construction Manager      Date

  
Mr. Paul Brunner      2-10-2012  
TRLIA Executive Director      Date

-----NOTHING FOLLOWS-----